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E7.3 10503.
CR-131541

EVALUATION OF DIGITAL
CORRECTION OF TECHNIQUES
FOR ERTS IMAGES

Bimonthly Progress Report
March-April, 1973

Contract Number: NAS5-21814

Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

(E73-10503) EVALUATION OF DIGITAL
CORRECTION OF TECHNIQUES FOR ERTS IMAGES
Bimonthly Progress Report, Mar. - Apr.
1973 (TRW Systems) 3 p HC \$3.00

N73-22278

Unclas
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CSCL 05B G3/13

TRW
SYSTEMS GROUP

NASA Contract No. NAS5-21814, Progress Report:
March-April 1973

1.0: Title: Evaluation of Digital Correction Techniques for ERTS Images
Principal Investigator Identification Number: P520

2.0: Progress During Reporting Period

2.1: ERTS-1 Symposium Participation

During the March 5-9 Symposium on Significant Results Obtained from ERTS-1, TRW presented a paper containing some initial results of this study. Details are given in Reference (1).

2.2: Data Analysis Plan: Phase III

After the Symposium, final modifications were made to the precision processing software and a Data Analysis Plan was prepared for Phase III activities. A copy of the plan was submitted to the Scientific Officer, the first week of April, for review and comment. Pursuant to the Scientific Officer's agreement, the plan was subsequently submitted to the Contracting Officer for approval. Upon receipt of the Contracting Officer's written approval, Phase III analyses will immediately commence. As of this writing, written approval has not been received.

3.0: Problems

Only imagery supplied via retrospective requests have been received during the last month. It therefore appears that our letter of 29 November 1972 to the Technical Officer requesting an extension of the coverage period termination date beyond December 4, 1972, has not been acted upon as yet.

4.0: Published Articles

"Digital Rectification of ERTS Multispectral Imagery,"
Proceedings of the Symposium on Significant Results
Obtained from ERTS-1 (to be published).

5.0. Recommendations

None at this time.

6.0. Changes in Product Orders

Early in April, the standing request for bulk CCT's from the test sites was changed so that bulk CCT's for a given scene must now be obtained by means of a retrospective order. This was done at NASA's request, so as to minimize the NDPF work load.

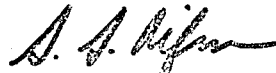
7.0 Changes in Personnel

None at this time.

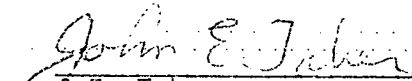
Reference

1. Samuel S. Rifman, "Evaluation of Digital Correction Techniques for ERTS Images: Interim Report for Period September 1972 - February 1973," TRW Systems Group Report No. 20634-6001-RU-00, dated March 1973.

SSR:nc



S.S. Rifman, MTS
Systems Engineering Section



J.E. Taber,
Principal Investigator